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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/563,553	03/14/2006	Abdoel Faziel Rajabali	2001-1426	1475

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EXAMINER	
O HERN, BRENT T	
ART UNIT	**PAPER NUMBER**
1794	
MAIL DATE	**DELIVERY MODE**
10/11/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/563,553	RAJABALI ET AL.	
	Examiner	Art Unit	
	Brent T. O'Hern	1794	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *26 September 2007*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-3,6-12 and 15-19* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-3,6-12 and 15-19* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 26 September 2007 has been entered.

Claims

2. Claims 1-3, 6-12, 15-19 are pending with claims 16-19 new.

WITHDRAWN REJECTIONS

3. The 35 U.S.C. 112 rejections of claim 2 of record in the Office Action mailed 27 March 2007, page 3, paragraph 4 have been withdrawn due to Applicant's amendments in the Paper filed 26 September 2007.

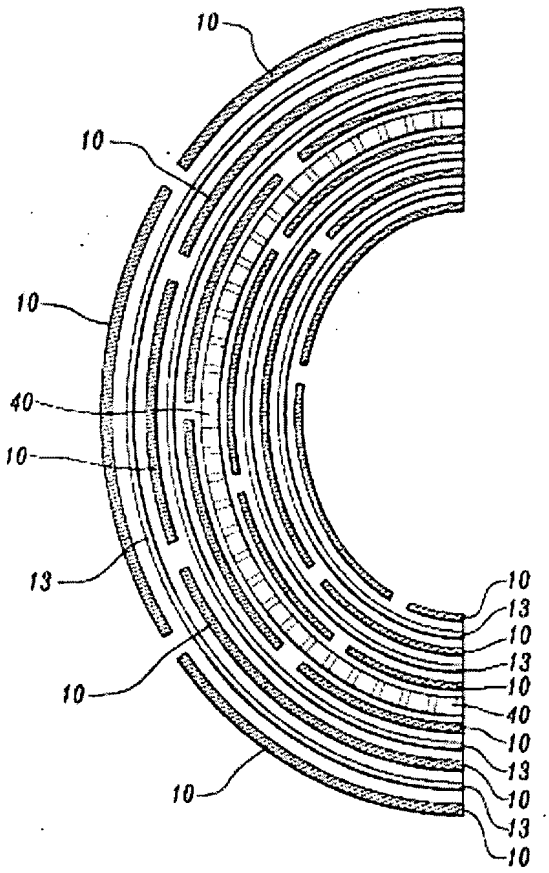
4. The 35 U.S.C. 102(b) rejections of claims 1-4, 6-12 and 15 as being anticipated by Lambing et al. (US 5,160,771) of record in the Office Action mailed 27 March 2007, page 3, paragraph 5 have been withdrawn due to Applicant's amendments in the Paper filed 26 September 2007.

NEW REJECTIONS

Claim Rejections - 35 USC § 102

5. Claims 1-3, 6-12 and 15-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Westre et al. (US 5,866,272).

Regarding claim 1, Westre ('272) teaches a laminate of alternating metal layers and at least one plastic bonding layer *(See col. 4, ll. 41-48, col. 10, ll. 26-50 and FIG-4B, alternating metal layers #10 and plastic bonding layers #13.)*,



each of the metal layers comprising two metal layer sections that have mutually overlapping edges bonded to one another *(See FIG-4B, six metal layers #10 with edges that overlap edges of the other layers and are bonded. Furthermore, the Examiner interprets an edge to include any edge of a layer including on the end, top, bottom or sides.)*, one of the mutually overlapping edges being joggled so that the metal layer sections are extensions of one another *(See FIG-4B wherein the layers are joggled (bent) due to the curvature of the structure and are extensions of one another.)*, and

a fill having a thickness at least such that at the location of the fill the laminate has a thickness equal to a total thickness of the mutually overlapping edges of the metal layer sections and the at least one plastic bonding layer *(See col. 4, ll. 41-58, col. 10, ll. 26-50 and FIG-4B, fill #40, or alternatively the additional layers, providing for an equal thickness at the comparative regions.)*.

Regarding claim 2, Westre ('272) teaches a laminate wherein the fill is on at least one side of two of the mutually overlapping edges *(See FIG-4B, wherein #40 is on both sides of the edges.)*.

Regarding claims 3 and 12, Westre ('272) teaches a laminate wherein the fill is on both sides of two of the mutually overlapping edges *(See FIG-4B, wherein #40 is on both sides of the overlapping edges.)*.

Regarding claim 6, Westre ('272) teaches a laminate wherein the laminate has a region in which there is at least one fill and a second region without the fill *(See FIG-4B wherein #40 is in the middle region and not in the other regions.)*.

Regarding claim 7, Westre ('272) teaches a laminate wherein the fill comprises at least one metal layer and at least one plastic bonding layer *(See col. 7, ll. 29-34, col. 4, ll. 41-58, col. 10, ll. 26-50 and FIG-4B metal layer #40 and the additional plastic bonding layers #13 and plastic bonding resin layers)*.

Regarding claim 8, Westre ('272) teaches a laminate wherein the fill comprises at least a further metal layer with a thickness greater than that of the metal layers *(See FIG-4B wherein the fill comprises the additional metal layers #10 and the fill layer #40, with layer #40 being thicker than #10.)*.

Regarding claim 9, Westre ('272) teaches a laminate wherein the plastic bonding layer comprises a layer of adhesive *(See col. 4, ll. 41-58 and col. 10, ll. 26-50.)*.

Regarding claim 10, Westre ('272) teaches a laminate wherein the plastic bonding layer comprises a fibre layer that has been impregnated with an adhesive *(See col. 4, ll. 41-58 and col. 10, ll. 26-50.)*.

Regarding claim 11, Westre ('272) teaches a laminate wherein the fill is interlaminar *(See FIG-4B, wherein the fill is interlaminar.)*.

Regarding claim 15, Westre ('272) teaches wherein outside of the mutually overlapping edges, each respective one of the metal layers is at a respective same level *(See FIG-4B wherein the layers are at the same level.)*.

Regarding claim 16, Westre ('272) teaches wherein the second region has a smaller thickness than said first region *(See FIG-4B wherein the radial regions have varying thickness depending on the region selected.)*.

Regarding claim 17, Westre ('272) teaches a laminate comprising:

plural metal layers that each comprise two metal layer sections that have, in a first region, overlapping edges bonded to one another *(See col. 4, ll. 41-48, col. 10, ll. 26-50 and FIG-4B, metal layers #10 with overlapping edges of the other layers and bonded layers #13.)*, one of the overlapping edges being joggled to a level of an adjacent one of the plural metal layers *(See FIG-4B, six metal layers #10 that overlap edges of the other layers wherein the layers are joggled (bent) due to the curvature of the structure. Furthermore, the Examiner interprets an edge to include any edge of a layer including on the end, top, bottom or sides.)*,

wherein in a second region separate from the first region the two metal layer sections are at a same level of the laminate *(See FIG-4B wherein the metal layers are at the same level of the laminate.)*; and

a fill between an adjacent pair of the plural metal layers in the second region, the fill having a thickness so that the laminate has a same thickness in the first and second regions *(See col. 4, ll. 41-58, col. 10, ll. 26-50 and FIG-4B, fill #40 providing for an equal thickness at the comparative regions.)*.

Regarding claim 18, Westre ('272) teaches further comprising respective bonding layers between adjoining ones of the plural metal layers and between the fill and adjoining ones of the plural metal layers *(See col. 4, ll. 41-58 and col. 10, ll. 26-50, bonding layers bonding the metal layers.)*.

Regarding claim 19, Westre ('272) teaches wherein the fill is metal *(See FIG-4B, metal layer #40.)*.

ANSWERS TO APPLICANT'S ARGUMENTS

6. In response to Applicant's argument *(p. 5, para. 4 to p. 6, para. 1 of Applicant's Paper filed 26 September 2007)* that Lambing ('771) does not teach the amended claims, it is noted that Lambing ('771) is no longer cited as teaching any of the pending claims, thus, Applicant's arguments are moot.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brent T. O'Hern whose telephone number is (571) 272-0496. The examiner can normally be reached on Monday -Thursday, 9:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye can be reached on (571) 272-3186. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BTO

Brent T O'Hern
Examiner
Art Unit 1794
October 2, 2007

NASSER AHMAD
PRIMARY EXAMINER

10/9/07